

GUJARAT TECHNOLOGICAL UNIVERSITY
BPLAN – SEMESTER II– • EXAMINATION – WINTER 2016

Subject Code: 1025503**Date: 19/11/2016****Subject Name: Specification Estimation and Valuation****Time: 02:30 PM to 04:30 PM****Total Marks: 50****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q.1 (A) 1) Pick up the correct statement from the following:**06**

- a) The bent up bars at a support resist the negative bending moment
- b) The bent up bars at a support resist the sharing force
- c) The bending of bars near supports is generally at 45°
- d) All the above.

2) The plinth area of a building not includes

- a) area of the walls at the floor level
- b) area of stair cover
- c) internal shaft for sanitary installations up to 2 sq m. in area
- d) lift and wall including landing
- e) area of cantilevered porch.

3) The item of steel work which is measured in sq.m, is

- a) Collapsible gates
- b) Rolling shutters
- c) Steel doors
- d) Ventilators and glazing.
- e) All the above.

4) The most reliable estimate is

- a) Detailed estimate
- b) Preliminary estimate
- c) Plinth area estimate
- d) Cube rate estimate
- e) None of these.

- 5) The main factor to be considered while preparing a detailed estimate, is
- Quantity of the materials
 - Availability of materials
 - Transportation of materials
 - Location of site and local labour charges
 - All the above.
- 6) The damp proof course (D.P.C.) is measured in
- Cub.m
 - Sq m
 - Metres
 - None of these

(B) Explain difference with example between Cost, Prize and Value. 04

Q.2 (A) Give Detail specification for removal of water from foundation. 04

(B) Give general specification for excavation. 06

OR

(B) Give general specification for Damp proof course. 06

Q.3 (A) Purposes of valuation. 05

(B) Brief Book value and Sentimental value. 05

OR

Q.3 (A) Write about role of Valuer. 05

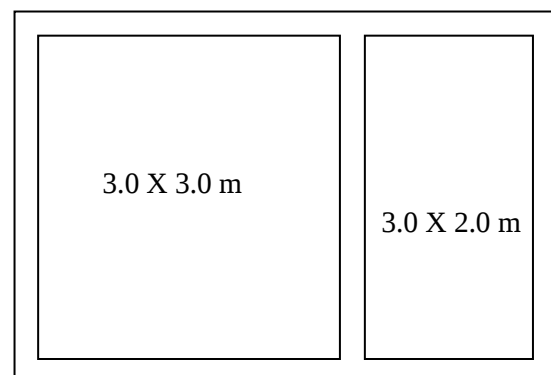
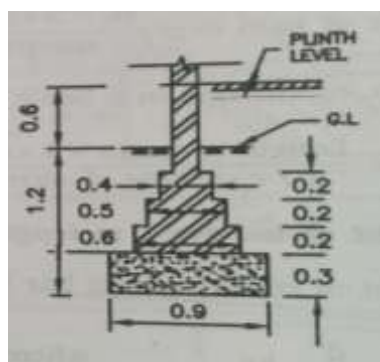
(B) Advantage and disadvantage of lump-sum contracts. 05

Q.4 (A) Brief Important Aspect of the design of a Specification. 10

OR

Q.4 (A) Factors affecting changes in market value. 10

Q.5 (A) Give Estimate of below figure. Take thickness of wall as 0.3 m 10



OR

- The foundation concrete is to be of BCC (1:6:12)
- The brick work is first class in c.m. (1:6)
- The risers of steps are to be finished with 18 mm thick single coat mala plaster in c.m. (1:4)
- The treads of the steps are to be finished with polished kotah stone flooring.

